

2016 FACT SHEET

Agricultural Education in Missouri



STRENGTHENING AGRICULTURE

School-based agricultural education (SBAE) delivers essential education through career and technical experiences, using the integral core components of interactive classroom, Supervised Agricultural Experience and FFA. The complete integration of these three components, delivered by the state's 510 agricultural education instructors, helps ensure students' career success or continuation with higher education related to agriculture, agriscience and/or agribusiness following high school graduation.

The federal Perkins Act, which provides funding for Career and Technical Education, requires high school students completing a course of study to be tested on technical skills called Technical Skills Assessments (TSA). As a result, Missouri Farm Bureau (MFB) agreed to partner with the Missouri Department of Elementary and Secondary Education (DESE) to implement the Missouri Agricultural Skills and Knowledge (MOASK) industry Recognized Credential (IRC) program. An IRC is a certificate awarded to high school students who have completed the required education/training, and demonstrated proficiency in one or more of the specific areas.



The MOASK IRC purpose is threefold:

1) To assess high school students' knowledge and technical skills in these agricultural fields:

- | | | |
|--------------------------|------------------------|----------------------------|
| • Agricultural Mechanics | • Agronomy | • Dairy Cattle Evaluation |
| • Dairy Foods | • Entomology | • Farm Business Management |
| • Floriculture | • Grassland Evaluation | • Forestry |
| • Horse Evaluation | • Livestock Evaluation | • Meats Evaluation |
| • Nursery/Landscaping | • Poultry Evaluation | • Soils Evaluation |

2) To recognize student performance.

3) To validate technical skills as these students seek employment and/or educational opportunities pursued beyond the high school level.

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.



27,687 Missouri Agricultural Education Students

Student Pathways Interest at a Glance

- 29.7% — Agricultural Mechanics & Technology Systems
- 29% — Animal Science Systems
- 14% — Agricultural Business & Management Systems
- 12.3% — Natural Resources Conservation Systems
- 8.7% — Plant Science Horticulture Systems
- 5.4% — Food Science Systems

25,920 Missouri FFA Members in 340 Chapters

>>82.5% of students have SAE earnings of \$48,563,721

>>Top SAE's

- Placement — 13,000 students
- Beef — 2,437 students
- Equine — 1,163 students
- Agribusiness Ownership — 1,122 students
- Dogs — 1,009 students
- Poultry — 1,003 students
- Swine — 980 students

Classroom/Lab





GROWING LEADERS

Missouri FFA is an integral Career and Technical Student Organization (CTSO) designed to enhance comprehensive school-based agricultural education programs.

Through engagement in FFA, students have the opportunity to develop:

- leadership
- communication
- employability
- career readiness
- personal development skills

Leadership development programs such as Public Speaking Academy, LEAD for chapter officers, HYMAX and HYPE help FFA members reach their full potential as leaders in agriculture. These programs cultivate teamwork, written and verbal communication and career development, helping students prepare for future leadership roles.

Public Speaking Academy—Aimed at better equipping Missouri FFA members with preparation and presentation skills, participants learn all the elements of speaking



including preparation, writing and delivery. The program is open to FFA members in grades 9-12 and provides a platform for students to ignite their public speaking careers.

Learn-Educate-Advance-Develop (LEAD)—This program provides chapter officers the opportunity to learn skills that can be directly applied to chapter operations throughout the year. With team-building as a focus, participants learn conflict resolution, how to network and their roles as individual officers.

Helping Youth Maximize their Agricultural eXperiences (HYMAX) and Helping Youth Prepare for Excellence (HYPE) — Designed to train students to be stronger advocates for

agriculture, HYMAX and HYPE academies challenge students through hands-on, engaging activities while digging into the issues facing agriculture today. The programs work to sharpen skills and strengthen voices of freshmen and juniors in high school.

Learning to Do, Doing to Learn, Earning to Live, Living to Serve is the FFA motto. Through FFA students not only gain valuable career skills for their future, but also develop a passion for giving back to their communities.

BUILDING COMMUNITIES

Agricultural education and FFA embrace giving back to local communities. FFA members work through grant opportunities available to their local chapters to practice service learning projects that address environmental and hunger needs. Members also volunteer in their local communities on behalf of a particular cause, without payment, for their time and services. Service-learning projects provide a meaningful way of applying the leadership and educational skills learned in school and through FFA to meet an identified community issue.

FFA chapters are recognized for their efforts in giving back through the National Chapter Award program. The Troy and Marshall chapters were national winners at the 2015 National FFA Convention for their efforts in giving back to their local communities.



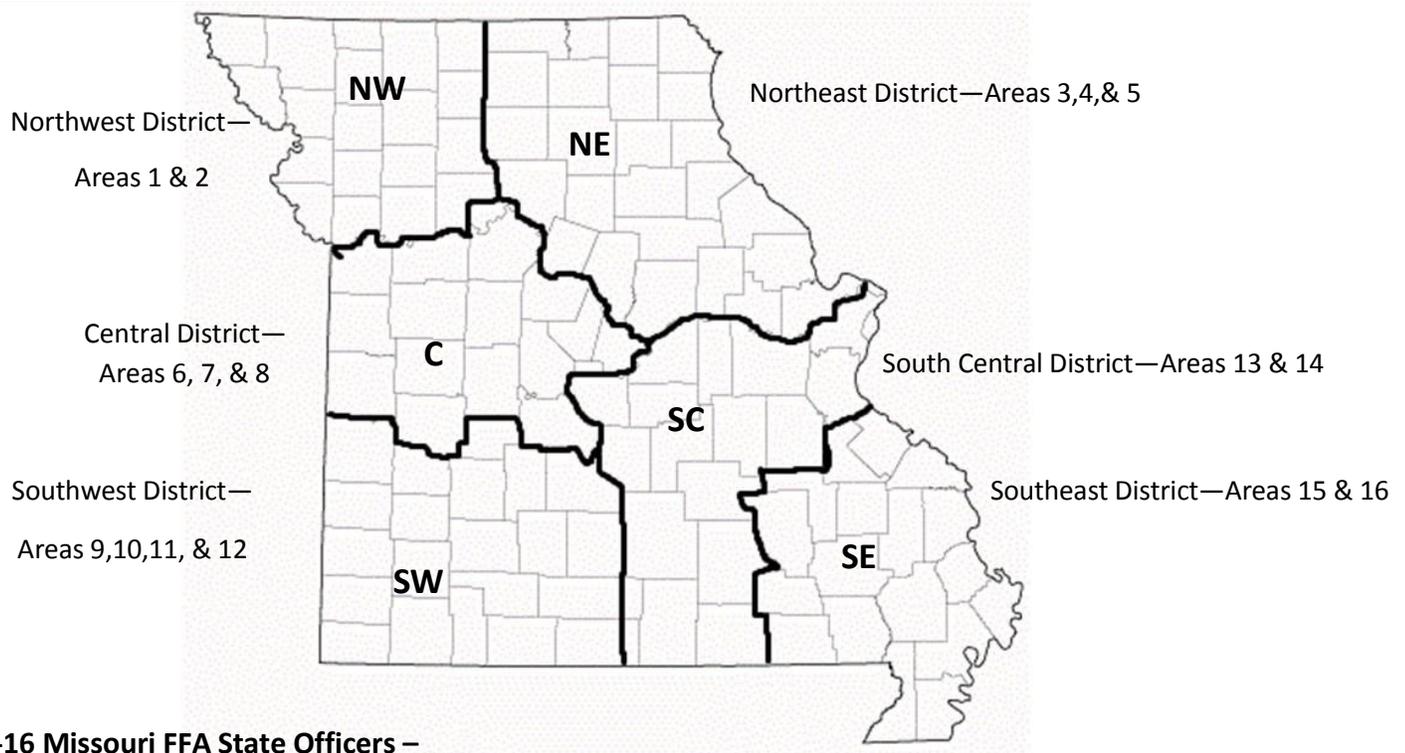
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Missouri FFA & Ag Education Facts 2016 FFA Knowledge LDE Resource

Missouri FFA Districts & Areas –



2015-16 Missouri FFA State Officers –

President, Area 2 – Adam Kirby, Trenton	Vice President, Area 10 – Tanner Koenig, Wheatland
1st Vice President , Area 5, Brandelyn Martin, Silex	Vice President, Area 11 – Maura Butler, Seneca
Secretary , Area 4 – Alex Stichnote, Ashland	Vice President, Area 12–Clay Smith, Mansfield
Vice President , Area 1– Maggie Voisard, Mid-Buchanan	Vice President, Area 13–Hunter Corman, Willow Springs
Vice President , Area 3 – Hadley Williams, Green City	Vice President, Area 14 – Braxton Hoemann, Union
Vice President, Area 6 – Austin Boland, Sweet Springs	Vice President, Area 15 – Alexa Nordwald, East Prairie
Vice President , Area 7 – Rylee Streit, Holden	Vice President, Area 16 – Morgan Taylor, Greenville
Vice President, Area 8 – Jacob Hoellering, California	Past President, Area 4 – Cole Edwards, Salisbury
Vice President, Area 9 – Ty Whittaker, Miller	

2014-15 Missouri Agricultural Education & FFA State Staff –

Leon Busdieker - Director of Agricultural Education, State FFA Advisor
 Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary
 Marie Davis - NE District Supervisor, State FFA Executive Treasurer
 Lisa Evans - Central District Supervisor
 David Higgins - SC & SE District Supervisor
 Steven Rogers - SW District Supervisor

Missouri FFA Demographics –

Agricultural Education Enrollment – 27,687

Number of FFA Chapters – 340

2014-15 State FFA Membership – 25,920



Missouri FFA Leadership Events –

Greenhand Motivational Conferences – Held annually in January, State FFA Officers educate and motivate new FFA members to become active in the organization and set personal goals during this conference.

State FFA Convention – Held annually in Columbia during April, State FFA Convention provides an opportunity for members to gain leadership skills, compete in Career Development Events and Leadership Development Events, explore careers and educational opportunities, and receive recognition for personal and chapter achievements.

LEAD (Lead, Educate, Advance, Develop) Conference for Chapter Officers – Held each May at various locations across the state, the LEAD Conference prepares chapter officer teams for their year of service through team building activities, POA planning, and developing a chapter recruitment plan.

Public Speaking Academy – Each June, FFA members can participate in this three-day event designed for speakers of all experience levels. Each student develops and presents their speech on an agricultural topic.

State FFA Leadership Camp – Held each summer for six weeks at Camp Rising Sun on the Lake of the Ozarks, State FFA Leadership Camp provide members with opportunities for personal leadership development, interaction with State FFA Officers and other members, and recreational activities.

Area Officer Institute (AOI) – Each June, Area FFA Officer teams are invited to participate in AOI to develop team goals, establish officer responsibilities and gain valuable experience needed for success as Area Officers.

HYMAX Academy – Helping Youth Maximize Agricultural eXperiences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands (100 strong) who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

HYPE Academy – Helping Youth Prepare for Excellence, HYPE was established in partnership with the Missouri Corn Growers to give students hands-on experiences in communicating and advocating for the agricultural industry. 30 incoming seniors will leave with tools to help others tell the agriculture story!

The Leadership Adventure – Each August, students from across the state can participate in this day-long conference which is designed for personal growth and specific training in areas of character, time management, and leading others.

Public Speaking Institute (PSI) – Two weekends in January there is a one day institute that targets freshmen through seniors to improve their public speaking skills. Attendees gain knowledge in FFA speaking CDE's, tips on advocating for agriculture, and the essentials to better verbal communication.